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ENGINEERING CHANGE REQUEST

ECR 132

Date Opened:	1/5/21 4:29 PM	Requested By:	Clarke, Jeffery
Type:	Drawing/Pattern Change	Program Manager:	Lee, Michael
Priority:	Medium	Responsible Engineer:	Clarke, Jeffery
Status:	Under Review	DE Approver*:	Provencal, Chris
Reason:	Corrections for original design intent, implementation of minor design improvements, tolerance adjustments, alternate materials	DM:	Lee, Michael
Expense:	0	ECR Specialist:	Drouin, Steven
Target Date:		Requester*:	Clarke, Jeffery
Execution Date:		ECR Lead*:	Drouin, Steven
ECR Approval No:		Responsible for Task:	Clarke, Jeffery
RE (R&D):		**BRIEF DESCRIPTION**:	Documentation Update - D350-1080
Status Note:		DESCRIPTION/ ADR CONTENT**:	Purpose: Update AS350 cargo baskets and mounts fabrication drawings, ICA and MDL Conclusion:

CUSTOMER APPROVALS

Customer	Customer Visible	Customer Approval Required	*	Customer Approved
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PARTS

Part No	Rev	Part Status	Name	Type	Customer Part	Special Comments	Documents
D5759-041		On hold	Clamp Assembly	Sub-assembly	D5759-041		
D5759-045		Under Review	Clamp Assembly, LH	Sub-assembly			
D5759-046		Under Review	Clamp Assembly, RH	Sub-assembly			
D5759-047		Under Review	Clamp Assembly, LH Forward Top	Sub-assembly			
D5759-048		On hold	Clamp Assembly, RH Forward Top	Sub-assembly			
D5759-1		Under Review	Clamp	Sub-assembly	D5759-1 D5759-1		D5759-RevA.pdf
D5759-3		Under Review	Strap	Sub-assembly			
D5759-5		Under Review	Clamp, LH	Sub-assembly	D5759-5		
D5759-6		Under Review	Clamp, RH	Sub-assembly			
D5759-7		Under Review	Clamp, LH Fwd Top	Sub-assembly	D5759-7		
D5759-8		Under Review	Clamp, RH Fwd Top	Sub-assembly			
D5766-041		On hold	Short Basket Assembly, LH	Finished Good			D5766-RevA.pdf
D5766-042		On hold	Short Basket Assembly, RH	Finished Good			D5766-RevA.pdf
D5767-041		On hold	Medium Basket Assembly, LH	Finished Good			D5767-RevA.pdf
D5767-042		On hold	Medium Basket Assembly, RH	Finished Good			D5767-RevA.pdf

D5768-041	On hold	Long Basket Assembly, LH	Finished Good			D5768-RevA.pdf
D5768-042	On hold	Long Basket Assembly, RH	Finished Good			D5768-RevA.pdf
D5769-041	On hold	Extra Long Basket Assembly, LH	Finished Good			D5769-RevA.pdf
D5769-042	On hold	Extra Long Basket Assembly, RH	Finished Good			D5769-RevA.pdf
D5770-041	On hold	Attachment Hoop	Sub-assembly			D5770-RevA.pdf
D5770-043	On hold	Handle Hoop	Sub-assembly			D5770-RevA.pdf
D5770-5	On hold	Hoop	Sub-assembly			D5770-RevA.pdf
D5770-9	On hold	Bushing	Sub-assembly			D5770-RevA.pdf
D5794-041	On hold	Short Basket Body, LH	Sub-assembly			D5794-RevA.pdf
D5794-042	On hold	Short Basket Body, RH	Sub-assembly			D5794-RevA.pdf
D5794-11	On hold	Cutout Side	Sub-assembly			D5794-RevA.pdf
D5794-3	On hold	Long Rim	Sub-assembly			D5794-RevA.pdf
D5794-5	On hold	Rib	Sub-assembly			D5794-RevA.pdf
D5794-7	On hold	Brace	Sub-assembly			D5794-RevA.pdf
D5794-9	On hold	Cutout Bottom	Sub-assembly			D5794-RevA.pdf
D5795-041	On hold	Short Basket Lid	Sub-assembly			D5795-RevA.pdf
D5795-11	On hold	Support	Sub-assembly			D5795-RevA.pdf
D5795-13	On hold	Support	Sub-assembly			D5795-RevA.pdf
D5795-3	On hold	Back Rim	Sub-assembly			D5795-RevA.pdf
D5795-5	On hold	Fwd Rim	Sub-assembly			D5795-RevA.pdf
D5795-7	On hold	Rib	Sub-assembly			D5795-RevA.pdf
D5799-041	On hold	Short Handle Assembly	Sub-assembly			D5799-RevA.pdf
D5799-043	On hold	Medium Handle Assembly	Sub-assembly			D5799-RevA.pdf
D5799-045	On hold	Long Handle Assembly	Sub-assembly			D5799-RevA.pdf
D5799-7	On hold	Lever	Sub-assembly			D5799-RevA.pdf
D5799-9	On hold	Bushing	Sub-assembly			D5799-RevA.pdf
D5803-1	On hold	Aft End Mesh	Sub-assembly			
D5803-3	On hold	Fwd End Mesh	Sub-assembly			
D5803-5	On hold	End Mesh	Sub-assembly			
D5803-7	On hold	End Mesh	Sub-assembly			
D5803-9	On hold	End Mesh	Sub-assembly			
D5805-	On hold	Attachment Hoop	Sub-			D5805-RevA.pdf

041				assembly			
D5805-043	On hold	Attachment Hoop	Sub-assembly				D5805-RevA.pdf
D5805-1	On hold	Hoop	Sub-assembly				D5805-RevA.pdf
D5805-3	On hold	Hoop	Sub-assembly				D5805-RevA.pdf
D5805-5	On hold	Cap	Sub-assembly				D5805-RevA.pdf
D5806-041	On hold	Medium Basket Body, LH	Finished Good				D5806-RevA.pdf
D5806-042	On hold	Medium Basket Body, RH	Finished Good				
D5806-1	On hold	Long Rim	Sub-assembly				D5806-RevA.pdf
D5806-13	On hold	Cap	Sub-assembly				D5806-RevA.pdf
D5806-3	On hold	Spine	Sub-assembly				D5806-RevA.pdf
D5806-5	On hold	Spine	Sub-assembly				D5806-RevA.pdf
D5806-7	On hold	Spine	Sub-assembly				D5806-RevA.pdf
D5806-9	On hold	Spine	Sub-assembly				D5806-RevA.pdf
D5807-041	On hold	Medium Lid Assembly	Finished Good				D5806-RevA.pdf
D5807-1	On hold	Back Rim	Sub-assembly				D5807-RevA.pdf
D5807-3	On hold	Front Rim	Sub-assembly				D5807-RevA.pdf
D5807-5	On hold	Stringer	Sub-assembly				D5807-RevA.pdf
D5807-7	On hold	Stringer	Sub-assembly				D5807-RevA.pdf
D5808-041	On hold	Long Basket Body, LH	Finished Good				D5808-RevA.pdf
D5808-042	On hold	Long Basket Body, RH	Finished Good				D5808-RevA.pdf
D5808-1	On hold	Long Rim	Sub-assembly				D5808-RevA.pdf
D5808-3	On hold	Spine	Sub-assembly				D5808-RevA.pdf
D5808-5	On hold	Spine	Sub-assembly				D5808-RevA.pdf
D5808-7	On hold	Cutout Bottom	Sub-assembly				D5808-RevA.pdf
D5808-9	On hold	Cutout Side	Sub-assembly				D5808-RevA.pdf
D5809-041	On hold	Long Lid Assembly	Finished Good				D5809-RevA.pdf
D5809-1	On hold	Back Rim	Sub-assembly				D5809-RevA.pdf
D5809-3	On hold	Front Rim	Sub-assembly				D5809-RevA.pdf
D5809-5	On hold	Stringer	Sub-assembly				D5809-RevA.pdf
D5810-041	On hold	XL Basket Body, LH	Finished Good				D5810-RevA.pdf
D5810-042	On hold	XL Basket Body, RH	Finished Good				D5810-RevA.pdf
D5810-11	On hold	Cutout Bottom	Sub-assembly				D5810-RevA.pdf

D5810-15	On hold	Cap	Sub-assembly		D5810-RevA.pdf
D5810-3	On hold	Long Rim	Sub-assembly		D5810-RevA.pdf
D5810-5	On hold	Hinge Support	Sub-assembly		D5810-RevA.pdf
D5810-7	On hold	Hinge Rib	Sub-assembly		D5810-RevA.pdf
D5810-9	On hold	Spine	Sub-assembly		D5810-RevA.pdf
D5811-041	On hold	XL Lid Assembly	Finished Good		D5811-RevA.pdf
D5811-1	On hold	Back Rim	Sub-assembly		D5811-RevA.pdf
D5811-3	On hold	Front Rim	Sub-assembly		D5811-RevA.pdf
D5811-5	On hold	Stringer	Sub-assembly		D5811-RevA.pdf
D5815-041	On hold	Attachment Hoop	Sub-assembly		D5815-RevA.pdf
D5815-1	On hold	Hoop	Sub-assembly		D5815-RevA.pdf
D5815-3	On hold	Hoop	Sub-assembly		D5815-RevA.pdf
D5815-9	On hold	Hoop	Sub-assembly		D5815-RevA.pdf
D5853-041	On hold	Basket Rim Weldment	Finished Good		D5853-RevA.pdf
D5853-043	On hold	Basket Rim Weldment	Finished Good		D5853-RevA.pdf
D5853-045	On hold	Lid Rim Weldment	Finished Good		D5853-RevA.pdf
D5854-041	On hold	Bracket Weldment	Finished Good		D5854-RevA.pdf

INVENTORY DISPOSITION

Part No Revision	Material No	Current Inventory Qty	Purchasing On-Order Qty	Qty Scheduled for Production
D5759-041		9 *	0 Put POs on Hold	20 Update Jobs only when drawing approved
D5759-045		0 Quarantine	0 Put POs on Hold	0 Update Jobs only when drawing approved
D5759-046		0 Quarantine	0 Put POs on Hold	0 Update Jobs only when drawing approved
D5759-047		0 Quarantine	0 Put POs on Hold	0 Update Jobs only when drawing approved
D5759-048		0 Quarantine	0 Put POs on Hold	0 Update Jobs only when drawing approved
D5759-1		25 *	0 Put POs on Hold	0 Update Jobs only when drawing approved
D5759-3		30 Quarantine	0 Put POs on Hold	0 Update Jobs only when drawing approved
D5759-5		3 Quarantine	0 Put POs on Hold	0 Update Jobs only when drawing approved
D5759-6		0 Quarantine	0 Put POs on Hold	0 Update Jobs only when drawing approved
D5759-7		3 Quarantine	0 Put POs on Hold	0 Update Jobs only when drawing approved
D5759-8		0 Quarantine	0 Put POs on Hold	0 Update Jobs only when drawing approved
D5766-041		0 *	0 *	1 Update Jobs only when drawing approved
D5766-042		0 *	0 *	0 *
D5767-041		0 *	0 *	1 Update Jobs only when drawing approved
D5767-042		0 *	0 *	0 *
D5768-041		0 *	0 *	1 Update Jobs only when drawing approved
D5768-042		0 *	0 *	0 *
D5769-041		0 *	0 *	1 Update Jobs only when drawing approved
D5769-042		0 *	0 *	0 *
D5770-041		4 Use as is	0 *	0 *
D5770-043		1 Use as is	0 *	0 *
D5770-5		9 Use as is	0 *	0 *
D5770-9		20 Use as is	0 *	0 *

D5794-041	0 *	0 *	1 No Changes To Jobs
D5794-042	1 Use as is	0 *	1 No Changes To Jobs
D5794-11	0 *	0 *	0 *
D5794-3	2 Use as is	0 *	0 *
D5794-5	5 Use as is	0 *	0 *
D5794-7	1 Use as is	0 *	0 *
D5794-9	0 *	0 *	0 *
D5795-041	1 Use as is	0 *	1 Update Jobs only when drawing approved
D5795-11	12 Use as is	0 *	0 *
D5795-13	20 Use as is	0 *	0 *
D5795-3	5 Use as is	0 *	0 *
D5795-5	5 Use as is	0 *	0 *
D5795-7	7 Use as is	0 *	0 *
D5799-041	1 Use as is	0 *	1 No Changes To Jobs
D5799-043	2 Use as is	0 *	0 *
D5799-045	2 Use as is	0 *	0 *
D5799-7	10 Use as is	0 *	0 *
D5799-9	14 Use as is	0 *	0 *
D5803-1	0 *	0 *	0 *
D5803-3	0 *	0 *	0 *
D5803-5	0 *	0 *	0 *
D5803-7	0 *	0 *	0 *
D5803-9	0 *	0 *	0 *
D5805-041	1 Use as is	0 *	0 *
D5805-043	2 Use as is	0 *	0 *
D5805-1	2 Use as is	0 *	0 *
D5805-3	11 Use as is	0 *	9 No Changes To Jobs
D5805-5	6 Use as is	0 *	0 *
D5806-041	0 *	0 *	1 No Changes To Jobs
D5806-042	1 Use as is	0 *	1 No Changes To Jobs
D5806-1	4 Use as is	0 *	0 *
D5806-13	5 Use as is	0 *	0 *
D5806-3	3 Use as is	0 *	0 *
D5806-5	3 Use as is	0 *	0 *
D5806-7	3 Use as is	0 *	0 *
D5806-9	3 Use as is	0 *	0 *
D5807-041	1 Use as is	0 *	1 Update Jobs only when drawing approved
D5807-1	3 Use as is	0 *	0 *
D5807-3	3 Use as is	0 *	0 *
D5807-5	12 Use as is	0 *	0 *
D5807-7	12 Use as is	0 *	0 *
D5808-041	0 *	0 *	1 No Changes To Jobs
D5808-042	1 Use as is	0 *	1 No Changes To Jobs
D5808-1	4 Use as is	0 *	0 *
D5808-3	6 Use as is	0 *	0 *
D5808-5	2 Use as is	0 *	0 *
D5808-7	1 Use as is	0 *	0 *
D5808-9	0 Use as is	0 *	0 *
D5809-041	1 Use as is	0 *	1 Update Jobs only when drawing approved
D5809-1	3 Use as is	0 *	0 *
D5809-3	3 Use as is	0 *	0 *
D5809-5	8 Use as is	0 *	0 *
D5810-041	0 *	0 *	0 *
D5810-042	1 Use as is	0 *	1 No Changes To Jobs

D5810-11	1	Use as is	0 *	0 *
D5810-15	18	Use as is	0 *	0 *
D5810-3	2	Use as is	0 *	0 *
D5810-5	1	Use as is	0 *	0 *
D5810-7	4	Use as is	0 *	0 *
D5810-9	2	Use as is	0 *	0 *
D5811-041	0 *		0 *	1 Update Jobs only when drawing approved
D5811-1	2	Use as is	0 *	0 *
D5811-3	2	Use as is	0 *	0 *
D5811-5	8	Use as is	0 *	0 *
D5815-041	0 *		0 *	0 *
D5815-1	4	Use as is	0 *	0 *
D5815-3	4	Use as is	0 *	0 *
D5815-9	4	Use as is	0 *	0 *
D5853-041	4	Use as is	0 *	0 *
D5853-043	2	Use as is	0 *	0 *
D5853-045	4	Use as is	0 *	0 *
D5854-041	4	Use as is	0 *	0 *

ACCOUNTING JOBS

Accounting Job No	Type	Group	Status
SE CAD 1080	Sustain Engineering		Active

EFFECTS

Effect Group	Effects
1. Quarantine?	Immediate quarantine required
2. ECR Lead Assessment - Impacted Docs & Output	Drawing Change Required (D5759 Rev. A D5766 Rev. A D5767 Rev. A D5768 Rev. A D5769 Rev. A D5770 Rev. A D5794 Rev. A D5795 Rev. A D5799 Rev. A D5803 Rev. A D5805 Rev. A D5806 Rev. A D5807 Rev. A D5808 Rev. A D5809 Rev. A D5810 Rev. A D5811 Rev. A D5815 Rev. A D5853 Rev. A D5854 Rev. A), Update/Create ICA (ICA-D350-1080 Rev. 0), Update/Create MDL (MDL-D350-1080 Rev. A)
3. ECR Lead Assessment - Status During ECR	Active - No Under Review, UR - Full Under Review
4. Production Type	In-house production
5A. ECR Lead Assessment - MINOR Changes	Correction of drawing errors (Hinge installation details: D5766, D5767, D5768, D5769 Remove note to weld mesh to lid walkway stringers: D5795, D5807, D5809, D5811 Remove incorrect 4130 Specs: D5770, D5794, D5795, D5805, D5806, D5807, D5808, D5809, D5810, D5811, D5815, D5853 D5759 - Note to not torque fasteners, add fillets missing when created from original AD drawing 78622), Minor change to component to improve fit or manufa (Increase tolerance on mesh dimensions to 1/8" and note to cut at cell intersections where possible: D5794, D5795, D5803, D5806, D5807, D5808, D5809, D5810, D5811 Smaller cap for better/easier weld: D5806-13, D5810-15 Add alternate tube material where solid spec'd: D5770-9, D5799-9, D5853-9, D5854-3 Open slots from 0.25 to 0.257: D5759 Adjust tolerances to prevent misalignment: D5799)
6A. Production Impact	Update/Create BOMs & Routes, Update/Create CNC Program (D5759 - 0.25 slot dia mow 0.257, fillets), Update/Create Tooling (Hinge hole locations)
7. Final Impacts	Paperwork Update
9. Sustaining Cost Grouping	Manufacturing Improvement